

6/8/21

If-else conditions

Loops → while & for & do-while

7/8/21

Switch Statements + Nested case
in Java.

• Switch Statements:

switch (expression) {

case one:

// code block

break;

→ terminate the sequence

case two:

// code block

break;

default:

// code block

}

→ default will execute when none of above does.

→ if default is not at end put break after it.

→ if break is not used then it will continue with other cases.

→ duplicate cases not allowed.

eg: case one:

// code block

break;

case one:

// code block

break;

X
not allowed.

New Syntax:

```
switch (expression) {
```

```
    case one → // do this ;
```

```
    case two → // do this;
```

```
    default → // do this;
```

```
}
```

★ `x.equals("word")` → here ~~Equals~~ only checks value not reference.

`x == "word"` → here it checks reference ~~of word~~

• Nested Switch Case:

```
switch (expression) {
```

```
    case one:
```

```
        // code block
```

```
        break;
```

```
    case two:
```

```
        switch (expression) {
```

```
            case one:
```

```
                // code block
```

```
                break;
```

```
            case two:
```

```
                // code block
```

```
                break;
```

```
            default:
```

```
                // code block
```

```
            }
```

```
        break;
```

```
    default: // code block
```

```
}
```